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EDUCATION A DISCIPLINE.

To facilitate the progress of intellectual improvement, and render the acquisition of knowledge speedy and agreeable, is an object which has excited much attention among the friends of education. Instructors, and authors of text books, communicating to the learner a knowledge of the simplified, modes of recitation prescribed, and interest which has been felt on this subject.

yet it still remains true, and ever will, that the their utmost exertions. peated efforts, and no little perseverence. There

sam; and there have been those, who in their zeal lieve that much of the "Art of Teaching" con- and glorious destination. for reform, have announced as a valuable discove- sists, not in saving the scholar all trouble and labor, ry, that education may be made a recreation .-Many works on the different branches taught in sufficient discernment to distinguish where, and our schools have been written in accordance with how far the knowledge, and mental powers of the this abourd theory; and many teachers adopting learner are sufficient for the performance of his the same puerile doctrine have simplified, and task, and where, and how far his own aid is resimplified the knowledge they could communicate, quired. The instructor who can do this, will not until it "has lost its substance, and become a fail to arouse in his pupils a desire for knowledge, prison doors:--"For rent."-Ohio paper. pointed shadow." It is admitted that the sub- and a love for study. jects to which the attention of the young pupil is On the other hand, if no new ideas, no new directed, should always be within his comprehen- principles are presented; and no fresh opportunision; that explanations on the part of the instruct- ties for effort, and the exercise of skill occur to er should be frequent clear and illustrative; and the young student, his interest ceases, and he re- ed by their instructors, without the co-operation that the hardship, and toil of study, should be re- lapses into habits of indifference and inactivity, and support of their parents.

from its very nature a discipline, and necessarily sy" the studies pursued in our common schools

by explaining every thing to him, but in possessing

TERMS .- FIFTY CENTS PER ANNUM for a lieved by every proper indulgence, and encourag- We have more than once been a witness of the ed by judicious commendation. But education is peraicious effects of "simplifying and making ea-Communications and subscriptions, post paid, involves severe, and long continued labor. Few The feacher commences a recitation, perhaps in may be addressed to the "Mirror," Newbury, Vt. truths are sustained by more abundant proofs, Colburn's arithmetic. A question is proposed to a than that man was designed for effort. Existence lad of a dozen years of age:- "How much will itself imposes upon every individual important ob- six pounds of meat cost, at seven cents a pound?" ligations, the proper discharge of which requires Here sufficient data is given in the question for its constant, and oftentimes arduous exertions. Both solution, and it is presented to him in that form in our physical, and our intellectual natures can be which it will occur to him in the subsequent busideveloped, and perfected only by exercise. Our ness of life. But if the pupil does not make a subjection to the laws of nature, our continual ex- speedy reply,—the teacher by way of explanation have spared no efforts to improve the method of posure to want, and the necessity of constant con-commences a series of interrogatories. He inflicts with the material world, aid in the growth of quires, "How many are six times seven?" The various branches he may be pursuing. Plans of the one; -- and earnest, incessant, but well directed boy still hesitates. The teacher now proceeds to study have been devised, school books have been effort, patient toil, and the vigorous exercise of all analyze-"How many are seven and seven, three the mental powers constitute the true elevation of times seven;" and so continues, until the answer is schemes for recreation and exercise recommended. the other. "Man," says Dr Channing, "owes his arrived at; -but the pupil has now lost sight of the The countless variety of text books, charts, and growth, his energy, chiefly to that striving of the conditions of the question, and knows not why, or manuals of recent publication, bear witness to the will, that conflict with difficulty, which we call for what purpose, such a result has been obtained! effort." Vigor of mind, depth of thought, and It is evident, that where such a system of instruction Great improvements have doubtless been made energy of purpose and character, are found only is pursued, the object of study is well nigh atterboth in the manner of instruction, and in the in those who have submitted to vigorous discipline, ly lost. Let then, every teacher of the young recharacter of the school books of the present day; and grappled with obstacles which at first repelled member that, while it is his province to enable the scholar to comprehend the nature of difficulties cultivation of the mental powers is a toil. The Besides, it is a great mistake to suppose, as which baffle his ingenuity, and, if necessary, to faculties of the mind never can be under a proper many do, that in order to make study agreeable to point out the way in which these obstacles may be control, until they have been subjected to a pro- the young, difficulties must be as much as possible overcome, -yet he should not, through the miscess of discipline. Even the command of the at-removed out of the way. On the contrary, it taken idea of making study a pastime, render it an tention often requires of the young scholar, re- is in teaching them to surmount difficulties that indifferent and useless exercise. For, the object of we shall most readily excite and sustain an interest education, is not so much to give a certain amount is inseparable from the early efforts to subdue the in the pursuit of knowledge. All, who have notice of knowledge, as to awaken the faculties, to teach mind, an indescribable restlessness, a roving of the ed the peculiarities of childhood, are aware that the mind to think justly and strongly, to give digattention which no facilities for study can ever children delight as much in exercising their minds, nity and elevation to the character, to refine the as their limbs, when their efforts are directed to manners, to open new, pure and exalted sources The tendency of the age, however, is to ultra- what is suited to their capacity. Hence we be- of happiness, and to prepare man for his ultimate

> Every school house that is built,-every child that is educated, are new and additional pledges of our national perpetuity .- Prof. Taylor.

> Build good school houses, employ competent teachers, and anon, we may inscribe upon our

> He who cannot put his mark upon a student, is not fit to have one .- Dr. Wayland.

> Few idle and refractory scholars can be reclaim-

that of enabling the pupil to thoroughly under- sometimes even beaten for it. Sympathy and en- worst kind; in as much as it takes from the chilstand each principle as he advances, and to com- couragement, in such an instance, is called for dren the capacity, rationally to enjoy that very ly and vividly, as to place it within the scope of its feeble and immature reason, requires tact and and luminous illustration.

guage to express our disapprobation of such a attending school: their sons and daughters must and warm in his feelings: has he a knowledge of

tainly, it is enough that the child is deficient in in- be saving all they can for them. But parsimony Of the numerous duties of the school teacher, tellectual endowment, without being railed at, and in this particular is robbery, and that too of the

INTERESTS OF EDUCATION.

skill, as well as knowledge; and we apprehend I apprehend that among the prominent causes tion, than in any other. In the first place, the sat-negligence of parents, and the want of qualificaisfactory explanation of a difficult subject demands tions in teachers. There are many other incidenthe teacher, together with practice and experience I shall have occasion to speak, while treating of rian darkness" to their pupils; and they conduct house, if they employ a teacher so many weeks, between their own capacity, and that of the young dren are in a hopeful way. But, if this is combeginner, and appear to have forgotten that they, mon school, is it common sense? Is this the manculties of the youthful scholar are thus underrat- farmer, the mechanic, and merchant employ pered, he readily perceives that his efforts are not approximated, and exhausted by painful and unavail-out ever going to see in what manner it is done? ing exertions, he becomes disheartened, in view By no means. Ruin would be the consequence. of the insurmountable obstacles before him. Vig- Why then should not parents avail themselves of ereus application under such circumstances is not that good sense which they have on other subjects? to be expected; and it is then that apt and simple Under such circumstances, the wonder ought not explanations are needed to encourage the despond- to be, that common schools are not more efficient, ing pupil, and allure him onward to alacrity, and but that they succeed at all. I have heard parents Now I take this to be a preposterous use of lanperseverance. We recollect in our own school- say that they were glad that school was going to boy days what a flood of light was sometimes begin, for they wanted their children off out of the opened upon our mind by a simple well-timed, way. Now I would not blame people for wishing to be relieved from vexation, but I would blame prehension, dull, and apparently stupid. So way- ticularly before their children, they should ever it were a positive crime. We can hardly find lan- are old enough to derive the greatest benefit from firm in his purposes: is he noble in his sentiments,

QUALITIES OF A SUCCESSFUL INSTRUC-|coarse, and our contempt for such a teacher. Cer-|be earning something, and they must themselves prehend the meaning and reason of each process, rather than scorn and reproach. We fear that the property which parents are so anxious to lay up for is of primary importance. While we deprecate youthful mind, under the weight of such discourthem, and prevents them from acquiring the abilithat species of instruction which so simplifies learning as to prevent all original discovery, and inveswhich it is never awakened. tigation on the part of the scholar,—we are ready to acknowledge, that no teacher can be successful, to be, though often an unrequited, yet an arduous der young persons elligible to marriage, the goal of unless he possesses the power of clear and forcible illustration. To set before the young and unpractised mind an abstruse principle, so distinct.

| Compared to the state of the mobilest ends to which true as much property as possible for children, is more practised mind an abstruse principle, so distinct.

| Compared to the state of the mobilest ends to which true as much property as possible for children, is more excusable: but in this country, where talent is G. excusable: but in this country, where talent is wealth, and character is nobility, it cannot be too severely censured, when it comes in competion with the education of children. Not that I would akin, as well as knowledge; and we apprehend that among the prominent causes denounce wealth: I leave those ultra declarations of the inefficiency of common schools, are the of the utter vanity of all earthly good, for those to make, who do not possess them, who have not an intimate acquaintantance with it on the part of tal causes, that might be mentioned, but of them who have not the capacity to enjoy them. Indusin the communication of ideas. In addition to the manner of teaching particular branches. The are imperative duties which are binding on all .this, many instructors, and those too, of high atnegligence of parents, on this subject, is even pretainments, and varied knowledge, do not realize, verbial; and too justly so. Many, if we judge

The parents, allow me to ask you a plain questainments, and varied knowledge, do not realize, verbial; and too justly so. Many, if we judge that what is clear as day to them, is all "Cimme- from their actions, think that if they have a school tion. Does the probability that your children, at middle, or mature age, will be wealthy, allowing their recitations, just as if they were imparting information to intellects already matured, and dis- hours each day, their object is accomplished, their ambition, depend more upon their character, their ciplined. They seem to recognise no distinct ion duty, as kind parents, is performed, and their chiland to save property? Your own good serate renders it unnecessary to ask the question in referthemselves, were once children. When the diffi-

There seems to prevail, to some extent, an erroneous idea, in reference to the qualifications of teachers. We often hear a teacher recommended as being qualified, simply by saying, he has been to the seminary, or he has been in college. So, of one who has been unsuccessful, we hear it sometimes said, I wonder at it, he was highly qualified. ing that amount of knowledge of the common branches of education, which it is absolutely nec-The school teacher must also expect to find them for so bringing up their children, as that their essary that he should have, ought to be considered among his scholars, those who are slow of compresence may be a burden to them, and that, paritself does not qualify him for the responsible staward and thoughtless are they, that they seem to admit such to be a motive in sending them to perceive no delights, no excellence, in knowledge. school. Again, parents are negligent in procuring a horse, does he inquire if the horse has four legs, if he has a head, if he can walk? Does he not the high the high control of the high control the high privilege of the instructor. Yet it is a great, and too often, the only question is, what work which requires the exercise of patience, and price does he ask? nay, worse than this, and limb," in what manner, how far, and how fast he ingenuity; and it is here, that he, who in the dis- "thrice to be regretted," they even inquire, what can travel, if he is gentle, &c. So of a teacher, charge of his duties, is actuated by feelings of for- price does she ask? This, instead of being the the inquiry ought to be, has he so thorough and so bearance, of affection and sympathy has a man-first, should be the last question, and should follow intimate an acquaintance with the branches that he ifest superiority. But there are those, who, from as a consequence of other questions having been is expected to teach, that he can present them beindiscretion, or from vexation at being troubled, satisfactorily answered. Others cannot afford the fore his pupils in a pleasing, novel, interesting, treat real incapacity and innocent weakness, as if expense, nor the time of their children after they and correct manner: is be mild in his words, but

SCHOOL GOVERNMENT.

The popularity of the teacher, and the improve- we inculcate mildness in the administration of govment of the pupils will, principally, depend upon erament, we would, as realously, inculcate unthe order and decorum which are preserved in the flinching perseverance in carrying out good princischool-room. It is a question which has called ples. Any vacillation of purpose for want of saf- has been more extensive than our own, that they forth conflicting opinions, and which claims the ficient moral courage, or for any interested motive have become so accustomed to incorrect spelling, young teacher's early attention, ought corpored will entirely destroy the influence of the teacher. that they regard it as an almost necessary imperpunishments, in any case, to be inflicted. We shall not presume to mark out a course of proced- must be maintained even if no mental improveure which the teacher should, in all cases, follow, ment should be gained. There may be cases in pretentions to learning, but school teachers academ-

dissuade them from taking any violent measures. not hold, in too great detestation, the "practice of that in their zeal for improvement they had adopt-While we admit that teachers sestain a very inti-mate relation to the scholars, yet the powers and beating about the head with a book, a cane, or transgressors of law, and yet they are able to act fail to excite the resentment of the sufferer." voice in in its favor. If the requirements of the pupils. education will be subverted.

the phenomena of mind: is he engaging in his man- appeal to a sense of propriety is usually more suc- is due to the orderly scholars; their morals should ners, and communicative in his speech: that is, is cossful, than to refer to a violated law. There is neither be corrupted, nor their attention diverted, he qualified for his business in the same sense of some necessity that our higher Institutions should by those who cannot be moved by any power the word as that in which we apply it to other publish their general rules, that the community which the teacher may lawfully exert. M. may be better acquainted with their real characters, but nature herself dictates the general principles which should characterize the government in com-There are principles involved in school government which merit the most candid examination.— der should ever be violated with impunity. While yet a few suggestions, inculcating caution and moderation in the exercise of government, may not be deemed inappropriate.

The first that most of the toochors of some cases, in precentions to tearning, but school teachers academicians and collegians are to be met with, who perdeemed inappropriate.

The first that most of the toochors of some cases, in precentions to tearning, but school teachers academicians and collegians are to be met with, who perdeemed inappropriate. The fact that most of the teachers of our pri- the child is not of sufficient age to be influenced in several "specimens" which recently came unmary schools, are young, and inexperienced, should by high moral and religious motives. But we canrights of the parent have never been transfered to whatever happens to be in hand; these, if once little exhibition of method, that the system, if it the teacher. The time has passed, and may it indulged, grow into habits of equal severity and was one, possessed but little scientific merit. never return, when civil magistrates were empow- caprice. They are in their own nature vulgar and Were incorrect spelling a matter of difficult remered to inflict corporeal punishment upon the offensive, and being received as indignities, never edy, or were it in a department of education sel-

as efficiently, as formerly, against the commission Observation fully confirms, we think, the prinof crime. If the minister, to reclaim some heed- ciples laid down in this article. What discipline is erated. but so palpable and gross a fault is it, and less wanderer from duty, should even propose, as exercised by our most popular and successful usually accompanied with such a train of kindred a corrective, bodily suffering, it would justly be teachers? It is mild but undeviating; moral pow- errors, that it imperiously demands the attention of esteemed an outrage upon propriety. A very er instead of physical is exercised. On the other every common school instructor. We have long different course is pursued, and one whose moral hand, in most cases where the teacher is ejected been of the opinion, that the exercise of spelling influence is infinitely better. In this way we treat men; but we should commence, at a very early ment is the primary cause. Should the teacher, period, to creat children as if they had acquired some character, and were able to reason respect- law, is passed, call the scholar aside, and show "incheation," "importansibility," which if they ing moral conduct. Law must be sustained in him clearly, and affectionately, the evil attending were consecutively committed to memory, would school, in the same manner, in which it is sustain- his course, he might, usually effect a restitution, be of no advantage to the learner;—and on the ed in the community. There must be a popular and highly exalt himself in the estimation of the other hand, there are a multitude of words of ev-

SPELLING.

In no department of elementary education, are

dom made use of in the transaction of the ordinaery-day use, that are not to be found in the spellmaster commend themselves to the better judg- But there are exempt cases when kindness can- ing book. As we learn to spell, chiefly if not exment of the scholars, they can be enforced, in not win, and affection cannot move. Such instan- clusively, that we may write correctly, these two nineteen cases in twenty, without resorting to bod- ces may occur, but they are not so frequent as exercises, should, as soon as possible, be connectily suffering. The scholars may be overawed by the many suppose. That headstrong lad feels not the ed with each other. If then, the usual course be exhibition of physical power, and, like the people softening influence of affection because it has nev- pursued with children until they are able to read; with a standing army in their midst, made to yield er been exercised toward him. He has been rep- and the spelling lesson be then combined with the to any course of conduct, but what will be the resented to the teacher, as one who is fully bent reading; and as soon as they are able to write a moral effect? The most disastrous imaginable. on evil, and has always been treated with severity, legible hand, with their writing, it would accom-Some of the great objects contemplated in early No wonder that he feels no sympathy with his plish a speedy and effectual improvement. In teacher, for he has always been the subject of sas these writing exercises, every scholar should be Some teachers, needlessly place themselves in picion and disregard. Let him feel that he has a provided with a slate; and the teacher should give those circumstances which frequently become a friend, and he may yet be restored. In cases of out such words from the reading lesson, as he source of much perplexity. It is not necessary, decided obstinacy, let a true representation be deems most likely to be mis-spelled. When a in common schools that law should be stated be- made to the parents or guardians. They have a sufficient number has been written down, let each fore the circumstances demand it. Enjoying the fearful responsibility in this matter. Should this pupil exchange slates with his neighbor, and let the benefits of an enlightened community, each schol- method fail, let the scholar be removed at once results be separately read aloud. This method is ar knows what character he should sustain. An from the privileges of the school. Such a course not only more practical than the vocal exercise,

they are very frequently spelled.

Wednesday: Wensday. Febuary. February. Newbury. Nuberry. Wholly. Holey. Untill. Until. Bolsum. Balsam. Business Bizness. Many. Meny. Brief. Breef. Piece. Peice.

To torture words in this manner is worse than quisition." Oh! what agony in such spelling.

ARITHMETIC.

One great fault, in the manner of teaching Arithmetic, is, that teachers do not treat the subject with sufficient independence. There seems to exist, in the minds of many, a vague idea that there is some sovereign, mysterious necessity about the rules laid down in the Arithmetics: certain arcana which are not to be penetrated, except he of course does not call out that of the minds of his pupils. Hence a servile dependence upon ar
Thus, we express nine by a single character, 9, the right, since we can obtain a complete result tice which ought never to be tolerated. But the answer, above given, appears at once. flatter themselves with the idea of their being having an absolute value, then the value of figures investigate, his only alternative is to apply to the whenever the sum of a column is more than can from 7, 3 remain. But ten will produce the same

1 16

but the scholar is led to notice more attentively his teacher, who must either refuse him, or leave all be expressed by a single figure, we can carry the errors. An additional method is, to have the other business, and work it out. This is wrong, excess into the next column on the left, and thus larger echolars once in two weeks present to the The teacher leaves his station and becomes a save the necessity of putting down the sum of teacher for inspection and correction, some famil- school-boy, by so doing. He should not descend each column separately, which we cannot do in iar form of composition. In this way several im- to such drudgery. The appropriate business of a commencing on the left; and we carry by ten, beportant ends will be combined in a single exer- teacher is to direct the energies, and to form the cause nine is the largest number which we can exminds of his pupils. And can one mind sway, at press by a single character. Let us illustrate.-While teaching a common school several years will, many other minds, when it is itself exhaustsince, we adopted the plan of writing down such ed. perplaced, and confused? Let it not be said Take this example and add it, 1 1 0 1 1 0 1 words as we found our pupils in the habit of mis- that there is not sufficient time in common schools commencing on the left. spelling. By repeatedly calling the attention of to illustrate and to explain the principles on which the school to the list we had collected, we succeed- the rules of Anthmetic are founded. If so, someed in correcting many of their habitual errors .- thing is wrong; the school is too large, or too ma-We subjoin a brief sample of our vocabulary, ny branches are pretended to be taught. I can of each column can be expressed by a single figure. giving in the second column, the manner in which say from experience, that pupils can be made to understand the principles, the necessity, and the propriety of the rules of Arithmetic in less time ately, continuing the operation till a complete rethan they can commit them to memory: and the superior intelligence, certainty, and despatch with which they will afterwards execute their operations is most truly gratifying. Besides, the practice of learning things, as the French say it, au fond, is of incalculable benefit to the intellectual 1 9 8 habits of the pupils. I will now give a few examples, not because they are better than others can give, but simply to illustrate what I mean by insist- 1 ing on explanations, instead of being wholly de- 1 0 the "twistings and disjointings of a Catholic In- pendent upon rules, hoping that others may take occasion to profit by the hint.

Question .- Why do figures increase ten-fold, from right to left? Answer .- Because nine is the largest number that we represent by a single figure. Let us illustrate. We might represent a single object by 1, two objects by 11, three by 111, four by 1111, five by 11111, and so on; but this would be tedious. We represent one object by 1, two Thus we have again four distinct additions. by 2, three by 3, four by 4, five by 5, six by 6, seven by 7, eight by 8, nine by 9, and so we might proceed, using a character for each particuperhaps by the author. The evils resulting from lar number; but this would require hundreds of this illusion are many. If the teacher never ex- thousands of characters, and years to learn their off scores and hundreds of sums in the manner in times its absolute value, by occupying a relative ing by ten, has been already illustrated. which some one else has wrought them; a prac- position one degree to the left, and the truth of the

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Now take the same example, and commencing

6 7 5 8 3 2 7 5 on the right, carry the excess 5 2 1 4 9 1 0 6 into the next higher place, 8 3 2 7 5 0 8 2 performing the operation in the mind, without putting erts the energy of his own mind on the subject, names and powers. Hence the necessity of fig- 20 3 0 0 7 4 6 3 down each sum separately. bitrary rules, and the pacrile practice of copying and ten by two characters, 10, the 1 having ten by a single operation. The reason of our carry-

Question .- Why do we, in subtraction, add ten

to the upper figure when it is less than the lower more enterprising papils are obliged, in consequence of the above mentioned fault, to go through ing a greater, or a less number of characters, and that will remove the difficulty. Take this example. the Arithmetic repeatedly, till they can remember then the value of figures would increase accord- 8 5 7 5 4 6 Here we can say, 3 from 6, 3 rethe manner of doing the sums: and then many ingly. If we were to use only five characters, 2 1 3 9 0 3 main: 0 from 4, 4 remain: and as - 9 cannot be taken from 5, let us Arithmeticians, when they may not perhaps have would increase six-fold from right to left; were 6 4 3 6 4 3 add 7 to each figure, and say, 7 to three pence worth of real knowledge on the sub- we to use fifteen, then they would increase sixteen- 5 make 12, and 7 to 9 make 16: but we cannot ject. Another evil is, that when the pupil comes fold. To use a larger number would render op- take 16 from 12, and the difficulty remains unreto a question that may be a little out of the com- erations by figures far more rapid, and to use a less moved. Take the same example, and adding 15 mon way of stating questions under that partien- one would render them easier for young minds. - to each number, say 15 to 5 make 20, and 5, of har rule, having never seen the principles illustra- Question .-- Why do we commence on the right, the 15 to 9 make 14, and 14 from 20, 6 remain: ted on which its solution depends, and having nev- in adding numbers, and why do we carry by ten? and then add the remaining 10 to the lower numer been taught, either by precept or by example, to Answer .- We commence on the right because ber, that is, add I to the next figure, and say, 4

already seen that a number less than ten will not coal beds is basin shaped, hence it is inferred that Mountains, and promises an inexhaustible source

Answer .- Adding the same number to two other very frequently separated from each other by bods Limestone occurs in almost every section of our numbers does not alter their difference. Thus, of sandstone, grit, shale, &c., which would ne-country, and in this vicinity, it is particularly sthe difference between 15 and 9 is 6: add 8 to cessarily occur, if the coal had been formed under bundant. The blue limestone is found in detach-15 and to 9, and they become 23 and 17: their the circumstances which we have named.

difference being 6, as before. Applying this prin
The two principal varieties of coal are called Barre, Vt., Plainfield, Vt. and in the vicinity. ciple to the example above, we may say, 3 from anthracite and bituminous. 6, 3 remain: 0 from 4, 4 remain: 10 to 5 make The anthracite embraces the columnar and miner- in Haverbill, N. H. At this last locality is found 15, and 9 from 15, 6 remain. But as 5 stands in al carbon. These varieties are distinguished, sim- the coarse granular limestone, and also a variety. the third place from the right, by adding 10 to it ply by the different forms in which they occur; containing a quantity of magnesia, called dolomite. we of course add 1000 to the upper number: but 'he former having been broken by fissures so that When any limestone is sufficiently hard to take a in the fourth place.

to subtract? Answer .- We save altering previous in masses containing a delicate columnar composi- Conchitic limestone contains shells and organfigures in the remainder. Take again the same tion, and is distinguished by its silky lustre. ic remains, and some of the harder varieties,

we say, 2 from 8, 6 remain: 1 from -5, 4 remain: 3 from 7, 4 remain: 6 4 4 avoid the necessity of making such changes.

GEOLOGY.

ly a period mineral coal was first used for fuel. dollars." Anthracite has been found only at a geologist and mineralogist. Theophrastus, who flourished about three hundred few localities in New England. An extensive bed Argentine or Slate Spar is distinguished by its years before the christain era, is the earliest author has beenopened at Portsmouth, R. I., and also at curved or undulating layers, which possess a shinwhe has related that coal was applied to useful Mansfield, Mass. purposes. He described coal as an earthy sub- Bituminous coal is lighter than the anthra- tained at Southampton, Ms. stance, which burnt like wood coal and was used cite, and does not usually possess so brilliant Calcarious Tufa or Travertine is usually light by the smiths. The English coal mines have been a lustre. It is easily ignited, burns with flame and porous, and sometimes appears as if it had appears that there was a colliery at Beawell about the application of heat, become broken into fragis a recent formation, and generally deposited from 1239, and it was then denominated sea-coal.

nected with the natural history of the earth, that west side of the Allegany mountains. "It is sup-quantity of travertine has been deposited along the the plants which formerly covered the face of na- posed that about 460,000 tons of bituminous coal bed of the stream at that place. The Clarendon plants of which the coal is composed, and in some and other towns." instances, the wood has suffered only a partial Bituminous coal is found in narrow veins, in difchange. When the ligneous or woody structure is elearly discernable, it is called lignite. Fossil shells, and delicate innecession of the change of the Connecticut, but not in sufficient quantities to repay the labour of the change of the connecticut, but not in sufficient quantities to repay the labour of the change of the connecticut, but not in sufficient quantities to repay the labour of the change of the connecticut, but not in sufficient quantities to repay the labour of the change of the change of the connecticut, but not in sufficient quantities to repay the labour of the change of the cha shells, and delicate impressions of leaves occur in obtaining it. The coal region in the United States Delaware has a school fund of \$170,000.

result, and is far more convenient, and we have great abundance in coal formations. The form of extends from Virginia, probably, to the Rocky remove the difficulty. The procuring cause of the coal beds were for med in lakes or marshes, of wealth and utility to the nation.

the wood of which it is composed, having been swering a provious question.

drift wood carried down by some river which those rocks which are composed of lime and car-Question .- On what principle is this done? - emptied into the lake. The layers of coal are benicacid-the limestones and marble formations.

we must add 1000 to the lower number, standing it presents the appearance of having been com- fine polish, it is called marble, The marble of posed of irregular columns, possessing a slight de- Middlebury, Vt. and of Plymouth, Vt. is richly Question .- Why do we commence on the right gree of lustre; the latter occurs in thin layers and variegated and susceptible of the highest polish. 8 5 7 5 4 6 Anthracite is principally composed of carbon or when polished, are highly beautiful. Most of the Here, commencing on the left, 2 1 3 9 0 3 charcoal without any bitumen. It burns without limestone of New-Hampshire, and Vermont, is residue. It is rarely found in Europe, but in this ganic remains. In the vicinity of Lake Cham-10 added to 5 make 15, and 9 from 15, 6 remain: country, it forms vast deposits. "The anthracite plain the more recent limestone formation is found

are enabled to determine the different varieties of down the river Ohio, to Cincinnati, New Orleans, travertine.

Grey limestone is abundant in Newbury, Vt. and

flame or odour, and deposits a quantity of earthy what is usually called primitive, containing no otbut here we have not added the same number to region of the Susquehanna is between sixty and containing large quantities of shells. At Sutton, the lower, as to the upper number, so the remain- seventy miles long, and about five broad, consti- Vt., just below the surface of the earth, is found der is too large, and the previous figure, 4, must tuting a trough or elongated basin through which quite an extensive bed of shells, and those which be changed to 3. By commencing on the right, we the Susquehanna river, and Lackawanna creek have not been exposed to the air, retain, very perflow." The anthracite of Pennsylvania is esti-feetly, their original form. So abundant are the M. mated to cover an extent of about 624,000 acres. shells that they have been dug and burnt for quick "In 1838 the quantity sent from the coa! region, lime. There are some varieties of carbonate of exclusive of that shipped by the Sasquehanna lime, although not important in the constitution of Coal. It is impossible to ascertain at how ear- was 723,813 tons, valued at more than 4,000,000 the earth's surface, yet are interesting to the young

ing and pearly lustre. Good specimens are ob-

worked for many centuries. "From Horsely, it and emits a bituminous odor. Some varieties, on been penetrated by worms in all directions. This four miles west of Newcastle-upon-Tyne, suppos- ments and afterwards cemented together in one the water of carbonated springs. These are usued to have been actually worked by the Romans; mass. Before it is used in smelting furnaces, it ally of a high tempreture, and hence, occur more and it is evident from Whitaker, that coal was used undergoes a process called coking, which con-frequently in volcanic countries. In the primitive as a fuel by the Saxons." The first charter for the sists in driving off the sulphur and bitumen by fire, regions of Vermont, however, travertine is found. license of digging English coal was granted, ac- This variety of coal is more distinctly stratified An interesting deposit occurs at Williamstown, Vs. cording to Rees, by king Henry III, in the year than anthracite; -its layers separating with facility A spring issues from the side of a mountain, and at intervals from one-eighth to three-fourths of an flows a short distance, and then disappears through inch. Bituminous coal occurs principally on the some fissures of the mountain. A considerable ture have been, to a very great extent, preserved are consumed in Pittsburg, and at the salt-works spring contains considerable lime, which is defor the use of man. In many coal formations, we on the Kiskiminetas, &c, besides what is sent posited more compactly than the Williamstown

Inon.-In Pennsylvania in 1832 apwards of

ITALY.

Italy! the land of music, once the seat of refinement, literature, and power. Thou art beautiful, even in thy ruins. From the heights of the Palatine we look down with wonder on the eternal city, which once gave laws to a Hemisphere, chained monarchs to its chariot wheels, and made earth and sea groan beneath its armies and navies. She swayed her sceptre over the mighty fabric of Grecian liberty, and the proud Colossus of ancient Rhodes. Will not the reversed order of Jupiter unchain Prometheus from mount Caucassus, that he may inspire the ashes of Romulus to build again the walls and temples of Rome?

Oh! Italy thou art fallen! but thou art lovely still. With all thy degeneracy, thou art dear to the poet, the scholar, and the statesman. The genii of departed greatness still inspire thy ruins; the remains of thy uncovered temples proclaim the sincerity of thy devotions. But alas! thy Panthe on is new devoted to a false and inimical religion The sacred altars of Venus and Pallas afford sanctuary only to the brigand and the homicide.

The forum and rostrum that once resounded with the eloquence of Cicero, and Cato, is now vocal with the entreaties of the mendicant, addressing the cold hand of charity. The brazer gates of the Capital are unhinged; its dome is inhabited by the lone birds of night, who fearlessly congregate amid its mouldering ruins. Her sylvan shades and sacred groves where zephyrs tuned the harps of her bards are now desolate, or the sacrilegious hand of violence has levelled them with the dust. Her vestal virgins no longer kindle the holy fire or watch around the sacred Palladium. Saturn, dethroned by the Titans, no longer extends the golden age by teaching arts and morals to the people of his realm; and the peaceful reign of Janus ended as Vandalism tolled the knell of fallen Rome. Rhea, the mother of the gods is no longer revered as a divinity. Jupiter no longer hurls Cyclopean thunderbolts, but passive sits on his mountain-throne, the hermit of Olympus. Juno has silently retired to her shady Argos; and Neptune shakes his trident in vain to silence the powerful breath of Æoleus.

Dark Pluto frowns in Tartarus, whose gate is guarded by Cerberus, and peopled by the ceaseless labors of Charon. Light-hearted Apollo still greatly increase the amount of human happiness. rounded by her mountain Nymphs.

heart. MARCUS.

IMAGINATION.

Eden, with every faculty of his mind unperverted, the habit of building "castles in Spain." Unequally noble in intellect, and beautiful in morals, guided by principle, and directed to no subjects of truth and goodness were as faithfully mirrored in the bright creations of imagination, as are lights amusement from her own busy creations, and deand shadows in the chrystal lake. They were lights to "give to airy nothings, a local habitation stamped as with Heaven's own signet, on each verdant leaf, and blushing flower, as well as in the higher creations of His band, who pronounced all ulty, as poetry, painting, and the sister arts, that "very good."

These lessons of the heart, nature's eloquent interpreter read to man in sweet, and silent language. Then, her magic influence shed a halo of beauty over all the Creator's works. It beamed in the mild lustre of the morning, nor faded beneath the evening star. If, as we may suppose this noble faculty, contributed to the happiness of the blest in Paradise, and added a new, and ever varying beauty to a world just merged from chaos, and glowing in the freshness of its spring-time, how much more is its influence now required, to cast aside that lowering and gloomy veil, that makes earth a sad and weary place of care and sorrow, and to reveal the sunshine of happiness, the concealed poetry of life, that breathes and glows in the works of nature.

Though sin has tarnished her snowy drapery, it cannot fetter her tireless wing, -and like a star of light unchained from its orbit, and recreant to law, she is now of earth, and now of heaven. Unlimited by that Power, "that lays his interdict on orbs, and seas, to keep them in from wandering," in her loftiest flights, she soars far beyond mortal ken, and with daring wing, essays to pass "the flaming bounds of space and time." As the imaginative loved one's death-scene soften the heart, when the astronomer studies deep into the lore of the starry heavens, she lends her aid to bring him nearer to the eternal throne. As she leads him far into the measureless depths of the stars, and hide him lisin admiration of the wisdom, and power of that Being, who, with one creative word hurled them into space.

The cultivation or neglect of the imagination has, undoubtedly, an important influence on character. Chastened and purified by religious principle, it may as winter's snows." lingers around his native Delos, inspires the Ital- But neglected, as it too often is, in education, and THE COUNTENANCE, AN INDEX TO THE ian bards, and sings with the chaste Diana sur- supposed to belong exclusively to the poet, painter, or novelist, it still holds a commanding influ-Minerva and Mars no longer kindle emulation in ence over human destiny, and exerts a mighty and to trace the deep-drawn characters, inscribed her Senate and armies. Lovely Venus broods in power for weal or wee. Joined with ignorance, on this mirror of the soul. Moralists may consilence alike over the decision of Paris and the credulity, or guilt, it calls up more unearthly and tend that words and deeds are the only revealers terrific phantoms, than ever magician's wand con- of the heart, and the phrenologist may point to the Aurora, bright queen of the morning, still gilds jured from the "vasty deep." Even the cultivat- cranium, as the infallible stamp of the mind, but thy temples, and spires, and awakes the laborer to ed mind of mature age can witness to the delete- where can we better read the character than in the his toil. Her sister Luna still rolls her chariot rious effects of tales of terror, whispered around expressive outline of "the human face divine?" through the skies,—her feeble rays serve to mark the winter's hearth. These are often so impressed What volumes are revealed in the soul-speaking the brigands way, or guide the steel to the victim's on the childish imagination, as to become inter- eye. No language can utter its impassioned elowoven with the texture of the mind, and thus give quence, or breathe its melting tenderness. It is

a coloring to all after life. Allied to this, and as When man roved sinless amid the bowers of the effect of a rich but neglected imagination, is useful, and pleasing interest, restless fancy seeks and a name."

But it is not of the sublimest efforts of this facwe would speak, though they are a source of the parest pleasure; but it is of the poetry and romance of real life, and nature, a boundless field, open to all, and which all may highly enjoy, without possessing either the painter's skill, or the poet's fire.

Is not the wide universe of nature, a beautiful revelation from Deity, harmonious with his sacred word? Imagination interprets its unwritten language, and impresses it on the character. Here we may find passages of the tenderest pathos, and the most exalted sentiment that appeal directly to the heart.

Gazing on the sweet flower, cut down at our side, in all its infantile loveliness, imagination lingers not with its beauteous clay, neither rests in yonder cloud, whose variet tints of beauty seem just brushed from the angel's parting wing, as he bore the stainless spirit to Jehovah's throne; but it wings its tireless flight, till it views the lost one in His arms, that commissioned the destroying reaper and learns,

"Twas for the Lord of Paradise He bound it in his sheaves.

"I will that those thou hast given me, be with me where I am." Will not the memory of the flowers of thrice its short-lived summers lie with-

ered on its grave? In such proportion as the mind is worthily occupied in early childhood, and the imagination is ten to the voiceless music of the spheres, he is lost directed to the beautiful, and the pure, will the character rise in the scale of intellectual and moral excellence; and instead of being imbued with false feeling, and sickly sentiment, the youthful imagination will "learn spring's mildness, summer's strength, and grow mature as autumn, pure HARRIET.

SOUL.

It is interesting to mark the human countenance,

can be fancied of the communion of minds in the in majestic grandeur to the skies, and the wide-spirit-land. Falsehood may sit on the lips, but spreading wood is clad in its robe of everlasting ever-radiant truth beams from the eye. In that green. The meadows are extended in all the luxdeep fountain are revealed the passions that sway uriance of summer, and the river is beheld gently the heart;-love, hatred, grief, joy, envy, jeal- winding its way, and gladdening the earth as it ousy and revenge, are mirrored there.

mental powers. There is meaning too, in the ned, Infinite Power performed,-and each bids us lip's curve, as it speaks of pride or gentleness, of adore the hand that made it. bitterness or affection. What tales, that the heart | And if rightly interpreted, such are the words would fain conceal, are often told in the starting uttered in every movement of nature's vast matear, the smile, or the mantling blush.

lineaments of the mind-and the heart's history is the Universe. We may read it upon the smallest engraved there, sometimes in the bright charact- flower, no less than upon the illimitable expanse ers of smiling joy, and often in the deep lines of of Heaven, illuminated by the glorious sun, grasorrow and suffering.

fields of Autumn, intervening light and shadow, the insect, in the sigh of the zephyr, in the murso in the chequered scenes of human life, hope mer of the rivulet, as well as proclaimed in the and fear, joy and grief alternately predominate in rear of the hurricane, the hoarse roll of the deepthe heart, and give their changeful expression to toned thunder, and the united voice of a thousand the countenance. Is beauty prized? Then may cataracts. And lives there upon earth a being who it be heightened by the adorning of the intellect, and heeds not the teachings which Nature addresses to the cultivation of the heart. Are the gifts of na- him, - who cherishes not one feeling of gratitude ture bestowed sparingly? There is a richer and to Him, who spread out the heaven like a curtain, more lasting treasure, which "lies open in life's who adorned it with such glorious imagery, and common field." We may tire of mere beauty of formed his foot-stool a fit residence for the childfeature and complexion, but there is an unfading ren of men? charm in the beauty of expression. As the earthy casket, though moulded by a plastic hand, cannot sealed book; -who contemplate, without one joythe beauty of the spirit.

ing characters on the countenance, and will ensure soar not to the great Creator. a supremacy in the hearts of the worthy and the loved. And when the spirit, like an imprisoned bird, escapes the narrow bounds of its earthly habitation, and wings its flight to immortality, it will leave its beautiful impress on the features of the cold clay, and its image will long survive in the heart of the mourner. ALTHEA.

LANGUAGE OF NATURE.

To him who, in the love of Nature, holds Communion with her visible forms, she speaks A various language.—Bryant.

'Tis night! The winds are husbed to repose d not a cloud obscures the deep sapphire of Heaven. Bright, beautiful and glorious is the scene, while Tranquility, like a dove, sits brooding o'er it. 'Tis one upon which angels from the heights of heaven might gaze with admiring wonder and gratitude. And yet mortals, frail and erring mortals, are permitted to look upon it. Even from me, this privilege is not withheld. I turn my eyes on the heavens above, and cast them on the earth beneath .-The stars are shining in beauty, and the moon is

the language of the heart, and no fitter emblem seen walking in brightness. The mountains tower passes onward. And each-above, beneath, and The brow is the seat of intellect, and on its tab-let we may discern the strength or weakness of the nal Mind.' Each testifies—Infinite Wisdom plan-

chine,-such the language inscribed upon every On every human countenance are painted these object which goes to make up the mighty fabric of ced by the silver moon, and decorated by countless As gleams of sun-shine play across the waving orbs of living light. 'Tis whispered in the hum of

Yes, there are those to whom nature is as a compare with the priceless, invisible gem within, ous emotion, this bright, and beautiful earth,—who so personal beauty has no value in comparison with see, but admire not. And there live those, also, who see, and admire, but feel nothing of gratitude, Let mental and moral worth be "our being's to the Author of all these wonders,-who pay end and aim," and they will be enstamped in liv- homage at the shrine of Nature, but whose minds

SALUTATORY POEM. Sung at the Ladies Exhibition, NEWBURY SEMINARY.

Hail, happy day! of freedom's smile, To thee, glad voices sing, And knowledge pure, delights the while Her choicest gifts to bring. She decks the brow with verdant wreaths. She lights the eye with joy. She speaks, and to the soul bequeaths What, should the tongue employ.

She breaks the bands of error's night, She raises the opprest; She sheds around celestial light, And makes our nation blest. She gives to friendship's golden chain A power, before unknown, No change shall break its sweet domain, Till life's last hour has flown.

All hail! Ye cherished, favored band;

Of Guardians, Teachers kind: Girt with her truth, and power ye stand, To train the immortal mind. We come to greet, and cheer you on, To bring our offerings true; We come t'extol the Holy One To whom all praise is due. DELIA

> VALEDICTORY POEM. Sung on the same occasion.

The sky is mild above, Bright is the world around us; And gentle thoughts of love In happy ties have bound us. Fair is the gently flowing stream The ear with music greeting, And fairer friendship's sacred beam, The heart's fond wishes meeting.

Sweet, smiles the blushing flower, Its fragrance o'er us stealing; Sweeter affection's power, The soul's pure depths revealing. Pure shines the quiet star of ev'n, Its radiance round us flinging; Purer the choicest gift of Heaven Cangenial souls entwining.

The heart is full of glee, Bright objects ever meeting; But oh! it may not be .-The fairest things are fleeting. The mild blue sky that smiles above, With gloom is oft enshrouded. The brightest dreams of earthly love, By sorrow's night are clouded.

Oft in this sacred spot, Our hearts were turned to gladness; Now grief's in every thought, Now swells each soul with sadness. Deep memories of the happy past, Are thronging darkly o'er us, And thrilling thoughts come rushing past, To dim the scene before na.

But there's a brighter home, Where breathes no sigh, nor weeping Where every joy is known, Its sacred promise keeping. There parted loved ones, blissful meet, There purest joys are springing; There may our ransomed spirits greet, A savior's praises singing.

LITERARY PURSUITS .- These studies are as food to us in our youth, they delight us in more advanced years, they are ornaments to a prosperous state, they afford us a comfort and refuge in adversity, they amuse us at home, they are unembarrassing to us when we are abroad, they pass our nights with us, they accompany us on our travels, and in our rural retirement. - Cicero,

SCHOOLS.

[Concluded.]

of song,-whence that responding of rocks, woods the full dignity and elevation of this theme. and trees to the harp of Orpheus, -whence a city's walls uprising beneath the wonder-working touches of Apollo's lyre? These, it is true, are fables, yet they shadow forth beneath the veil of allegory, a profound truth. They beautifully proclaim the mysterious union between Music, as an instrument of man's civilization, and the soul of man .-Prophets and wise men, large minded law-givers of an olden time understood and acted on this truth. The ancient oracles were uttered in song. The laws of the twelve tables were put to Music, and got by heart at school. Minstrel and sage are, in some languages, convertible terms. Music is allied to the highest sentiments of man's moral nature, love of God, love of country, love of friends. We to the nation in which these sentiments are allowed to go to decay! What tongue can tell the unutterable energies that reside in these three engines, Church Music, National Airs, and Fireside Melodies, as means of informing and enlarging the mighty heart of a free people!

Foreign examples are before us. In Germany, the most musical country in the world, Music is taught like the alphabet. In Switzerland and Prussia, it is an integral part of the system of Instruction. Regenerated France has, since the Revolution of July, appropriated the same idea. Her philosophic statesmen are trying to rend the darkness, and prepare their country for the future that is before her. "We cannot," says M. Guizot, "have too many co-operators in the noble and difficult enterprise of amending popular Instruction." England still halts in the murch of reform. We ask the attention of the Board to the following pas-

THE CITY OF BOSTON, ON THE EXPE-power recently published in England, written by greater in New Hampshire and Vermont, than in DIENCY OF INTRODUCING MUSICAL Mr Wyse, a member of the British Parliament, the two other States; and are probably greater INSTRUCTION INTO THE PUBLIC "Music," says this writer, "even the most ele-than those of any other States in the Union. mentary, not only does not form an essential part of education in this country, but the idea of in-There are said to be, at this time, not far from it is country, the same are said to be, at this time, not far from the sighty thousand Common Schools in this country, in which are to be found the people who in coming people are essentially anti-musical. But may they people are essentially anti-musical. But may they not be anti-musical because it has not been attempted? The people roar and scream, because the strength of the same tempted? The people roar and scream, because the strength of the same tempted that it would be fruitless to attempt to govern men or children, wholly the same tempted? The people roar and scream, because the strength of the same tempted that it would be fruitless to attempt it because the a lion to hold still, while some unfeeling son of Acsculapius wrenched every tooth from his head, as to attempt to govern men or children, wholly the same tempted? The people roar and screaming the same tempted? The people roar and screaming the same tempted that it would be fruitless to attempt it because the a lion to hold still, while some unfeeling son of Acsculapius wrenched every tooth from his head, as to attempt to govern men or children, wholly the same tempted? The people roar and scream, because the same tempted? The people roar and scream, because the same tempted that it would be fruitless to attempt to be a lion to the Pacific Ocean, and lead home a whater the same tempted that it would be fruitless to attempt to be a lion to hold still, while some unfeeling son of Acsculapius wrenched every tooth from his head, as to attempt to govern men or children, wholly the same tempted that it would be fruitless to attempt to be a lion to hold still, while some unfeeling son of Acsculapius wrenched every tooth from his head, as to attempt to govern men or children, wholly the same tempted the same tempted that it would be fruitless to attempt to be a lion to hold still, while some unfeeling son of Acsculapius the same tempted that it would be fruitless to attempt to have a lion to hold still, whil of instruction in these Schools, it might be reason-they have heard nothing but rearing and screaming, by moral sussion. First or all, teach your papils, ably expected that in, at least, two generations we no Music from their childhood. Is harmony not should be changed into a musical people. The to be taught? is it not to be extended? is not a taste practical illustration of what penalty is. great point to be considered in reference to the to be granted? Taste is the habit of good things introduction of Vocal Music into popular elemen- -- 'je ne suis pas la rose, mais j'ai vecu avec elle' tary instruction is, that thereby you set in motion it is to be caught. But the inoculation must some- mineral pitch so called because it is seen to ooze a mighty power which silently, but surely in the where or other begin. It is this apathy about be- like oil out of the rock. Many springs in Modena end, will humanize, refine, and elevate a whole ginning that is cansurable, not the difficulty of and Parms, in Italy, produce petroleum in abuncommunity. Music is one of the fine arts. It propagating when it has once appeared. No effort dance; but the most powerful perhaps, yet known, therefore deals with abstract beauty, and so lifts is made in any of our schools, and then we com- are those on the Irawadi, in the Burman Empire. man to the source of all beauty, from finite to infi. plain that we had no grammarians." With these In one locality there are said to be 520 wells, nite, and from the world of matter, to the world of sentiments your Committee heartily concur. Let which yield annually 400,000 hogsheads of petrolspirits and to God. Music is the great hand-maid us than show this spathy no longer. Let us Br-eum. of civilization. Whence come these traditions GIN. Prussia may grant instruction to her people of a revered antiquity, seditions quelled, cures as a boon of royal condescension. The people of wrought, fleets and armies governed by the force America demand it as their right. Let us rise to uce of the mines continued increasing till the com-

STATISTICS OF EDUCATION.

From the statistics of the late census, we have compiled the following table, showing the comparative state of the means of Education, in Vermont, New Hampshire, Massachusetts and New York.

w Number of Inhabitants,
New No. of Colleges,
New No. of Colleges,
Academies and Grammar Schools,
Primary and Common Schools,
Whole No. of places of Education,
No. Scholars in Academies,
No. Scholars in Common Schools,
Total attending Schools of all kinds,
The places of instruction average to
the inhabitants, one to every,
Whole No. of Scholars average to the
inhabitants, about one to every,
No. over 20 years of age, who can-

1,940	3 1-2	120	84,793	80.637	233	2,418	2,370	€ to	Vt. 291,130
927	8 1-4	180	88,066	81.890	430	2,175	2,110		N. H. 284,481
3,196	41.4	204	174,795	158,395	765	3,618	3,366	248	Mass. 787,786
4	4 2-3	20 Ove.	544,106	501,918	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11,390	10,876		Mass. N. Y. 2

REPORT OF THE SCHOOL COMMITTEE OF sage from a work of extraordinary eloquence and ties for the general education of the people are

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PETROLEUM SPRINGS .- Petroleum is a liquid

There are 3000 mines in Mexico. The prodmencement of the late revolution, at which time the sum total was about 125 millions dollars annually. The annual average produce at present is not more than 12 million dollars.

Education amongst the great body of the people is more general in Scotland than in any other part of the British dominions: every parish has its respective school, in which knowledge can be obtained at a reasonable rate.

There are upwards of 22,000 common or primary schools in Prussia, to which all subjects are required by law to send their children after they arrive at a certain age.

A QUERY IN GRAMMAR. - Where the seats in a school house are so high, that the children cannot reach the floor with their feet, and so narrow, that they have to hold on with both hands, must not the verb "to sit," be an active verb?

NEWBURY SEMINARY.

The Spring Term of this Institution will commence on Wednesday the 24th inst. and will continue twelve weeks.

We again, respectfully solicit all who feel an interest in the progress of Popular Education, and in the encouragement of Literature among ourselves, to aid in increasing the list of our sub-

Postage on this Periodical, one cent if within 100 miles. or within the State; otherwise, one and a half cents.